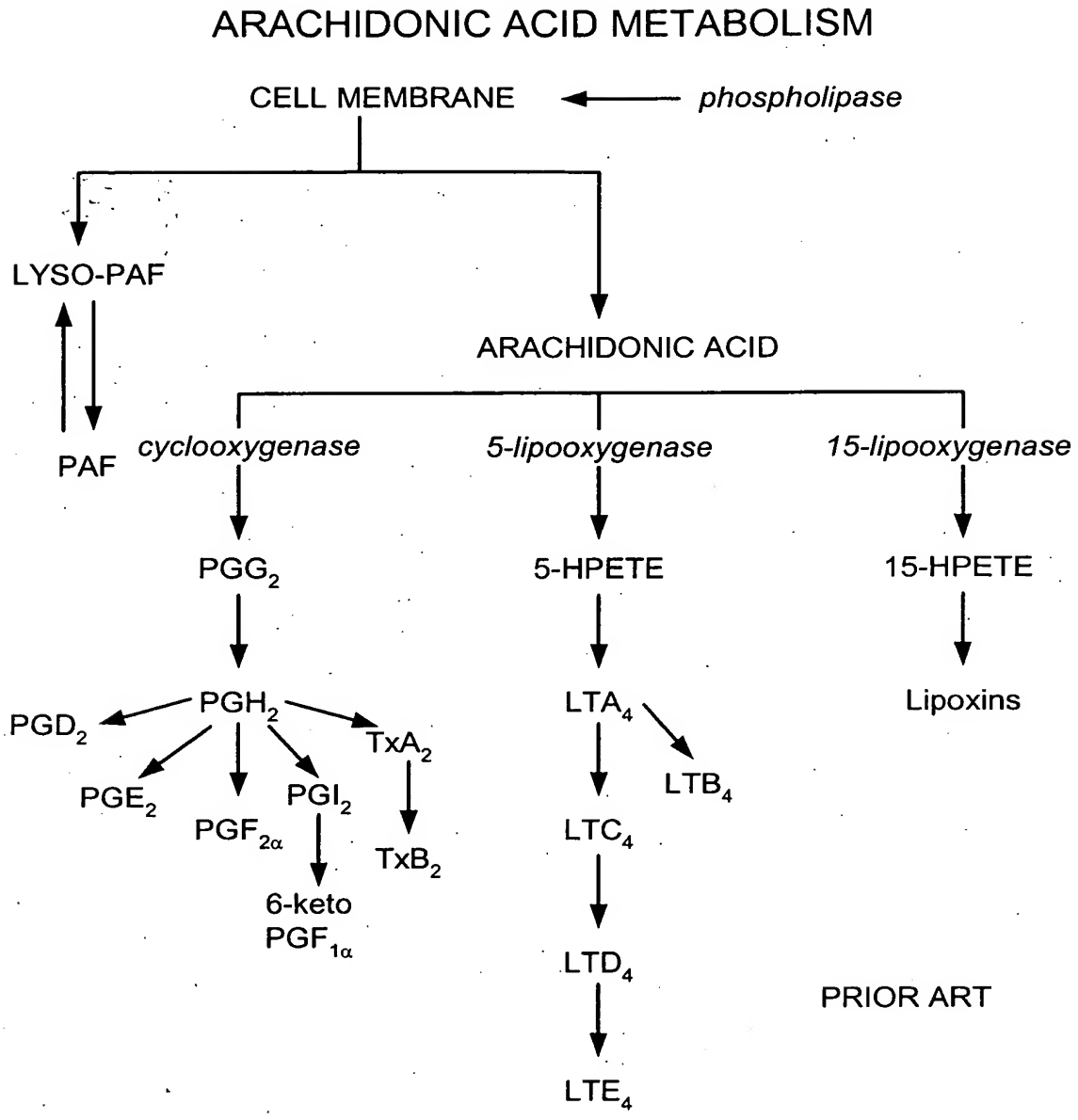
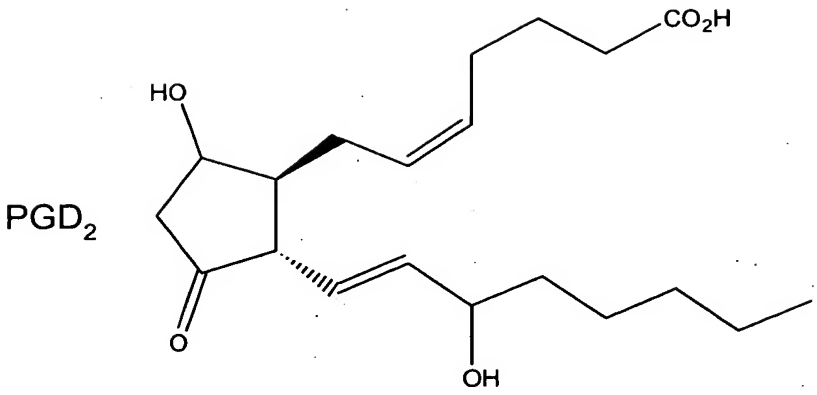
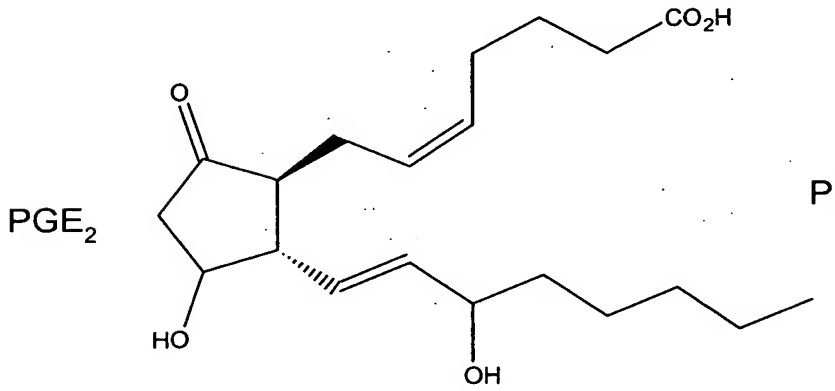

ARACHIDONIC ACID METABOLISM
CELL MEMBRANE
phospholipase
LYSO-PAF
PAF
ARACHIDONIC ACID
cyclooxygenase
5-lipooxygenase
15-lipooxygenase
PGG2
5-HPETE
15-HPETE
PGH2
PGD2
PGE2
PGF2α
PGI2
TxA2
TxB2
6-keto PGF1α
LTA4
LTB4
LTC4
LTD4
LTE4
Lipoxins
PRIOR ART

FIG. 1



PRIOR ART

FIG. 2A



PRIOR ART

FIG. 2B

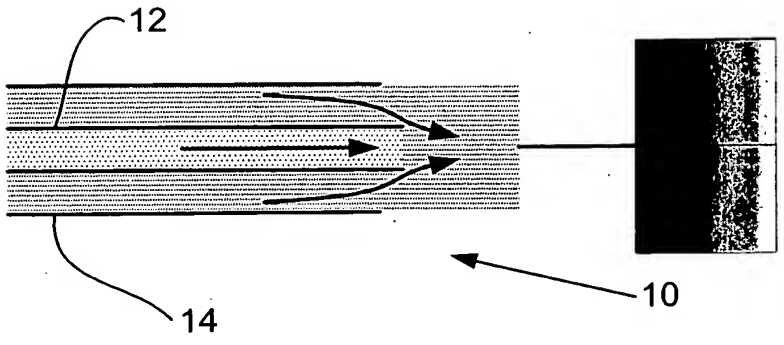


FIG. 3

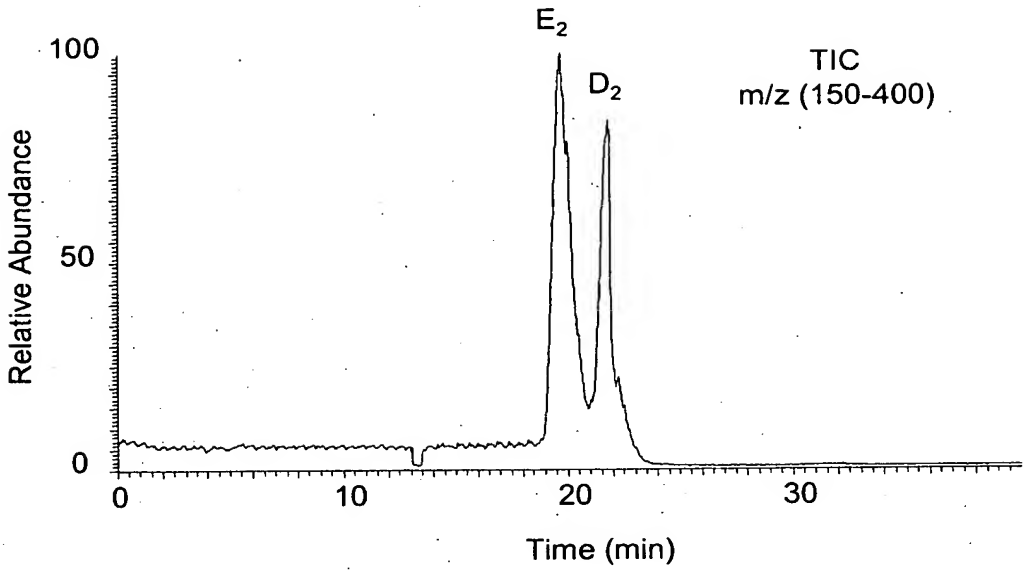

E2
D2
TIC
m/z (150-400)
100
50
0
Relative Abundance
0
10
20
30
Time (min)

FIG. 4

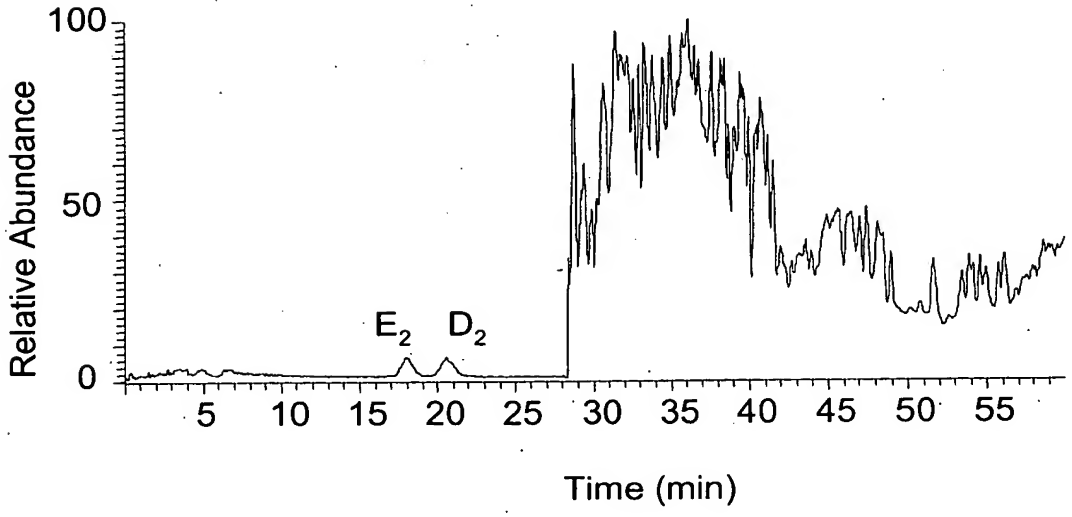

100
50
0
Relative Abundance
E2
D2
5
10
15
20
25
30
35
40
45
50
55
Time (min)

FIG. 5

```
Magic Temperature Controller
      Temperature: 40

Magic Pump
      Run time: 60.00 min
      Initial Valve Position: INJECT
      Pump A: Enabled
      Pump B: Enabled

      Time Program
      time:  0.00 flow 45.00  %b: 26.00
      time: 30.00 flow 45.00  %b: 26.00
      time: 50.00 flow 45.00  %b: 90.00
      time: 55.00 flow 45.00  %b: 26.00
      time: 60.00 flow 45.00  %b: 26.00

Magic Detector
      Run time: 60.00 min
      Deuterium Lamp is Enabled
      Tungsten Lamp is Disabled
      Zero On Change is Enabled
      WaveMode selected: Dual UV (190-365 nm)

      Time Program
      time: 0.00  wave1:214   wave2:234
```

FIG. 6A

LCQ Deca Instrument Method

MS Run Time (min): 60.00

Divert Valve: not used during run

Contact Closure: not used during run

Unimetrics Syringe Settings:

Flow Rate (µL/min): 15.00 Volume (µL): 500.00
Stop Syringe Pump at End of Run: Yes

MS Detector Settings:

Real-time modifications to method disabled

Segment 1 Information

Duration (min): 28.34
Number of Scan Events: 4
Tune Method: negative ion mode with lc

Scan Event Details:
1: Neg o(220.0-400.0)
2: Neg o(220.0-400.0)
3: Neg o(220.0-400.0)
4: Neg o(220.0-400.0)

Segment 2 Information

Duration (min): 31.66
Number of Scan Events: 1
Tune Method: angiolowflow

Scan Event Details:
1: Pos o(400.0-2000.0)

Custom Data Dependent Settings:
Not enabled

FIG. 6B

Duplication of PAL local LC-Inj cycle

Syringe: 10 µL

01 LC-Inj

Air Volume (µL)	0
Pre Clean with Solvent 1	2
Pre Clean with Solvent 2	3
Pre Clean with Sample	1
Filling Speed (µL/s)	.5
Filling Strokes	5
Inject to	LC Vlv1
Injection Speed (µL/s)	.5
Pre Inject Delay (ms)	500
Post Inject Delay (ms)	500
Post Clean with Solvent 1	3
Post Clean with Solvent 2	3
Valve Clean with Solvent 1	3
Valve Clean with Solvent 2	3

SS420 Board Method

I. Acquisition

1. Number of channel in use: 2
2. Channel descriptions:
   - A: 214
   - B: 234
3. Sampling frequency (Hz): 10.000000
4. Acquisition time:
   - Run in 60.00 min

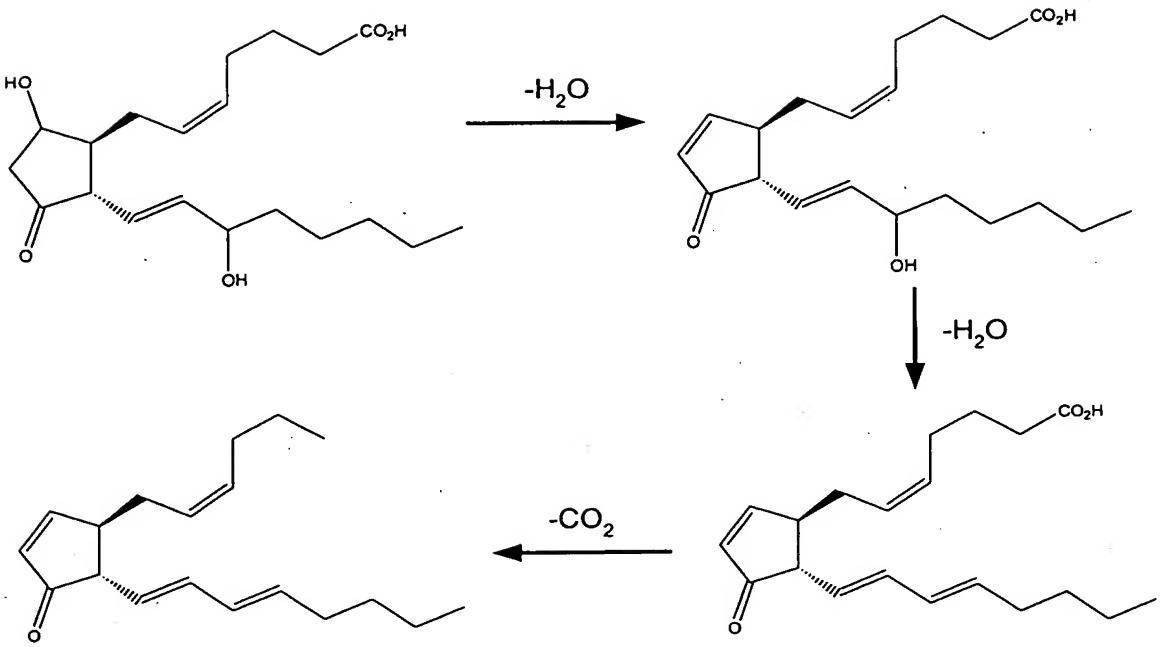
II. External Events:

External Events: not in use

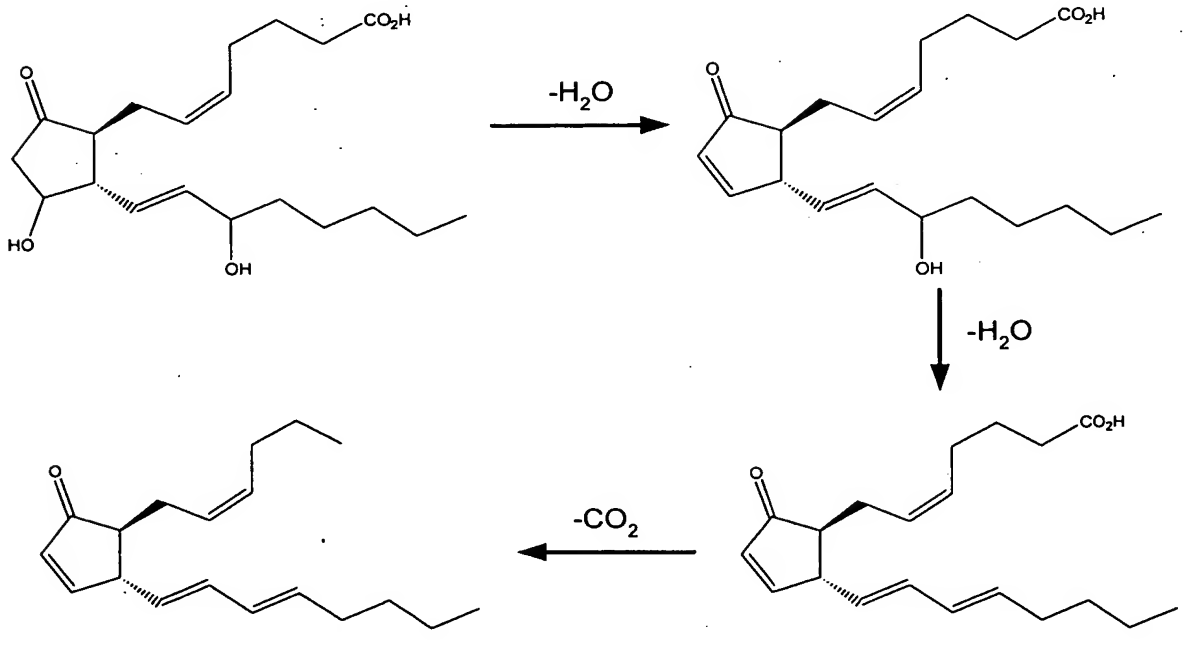
III. Configuration

Board Number: 1
Trigger Line: 1
Trigger type: closed contact causes trigger

FIG. 6C



PRIOR ART FIG. 7A



PRIOR ART FIG. 7B

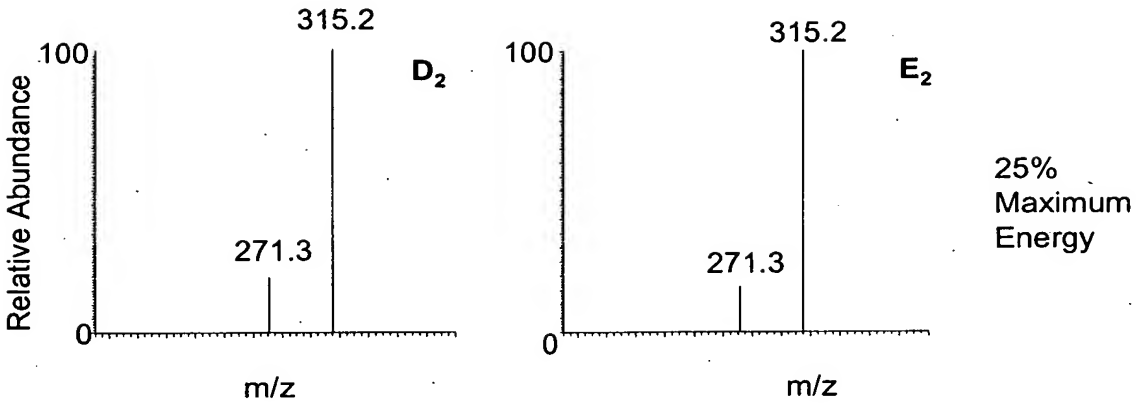


FIG. 8A

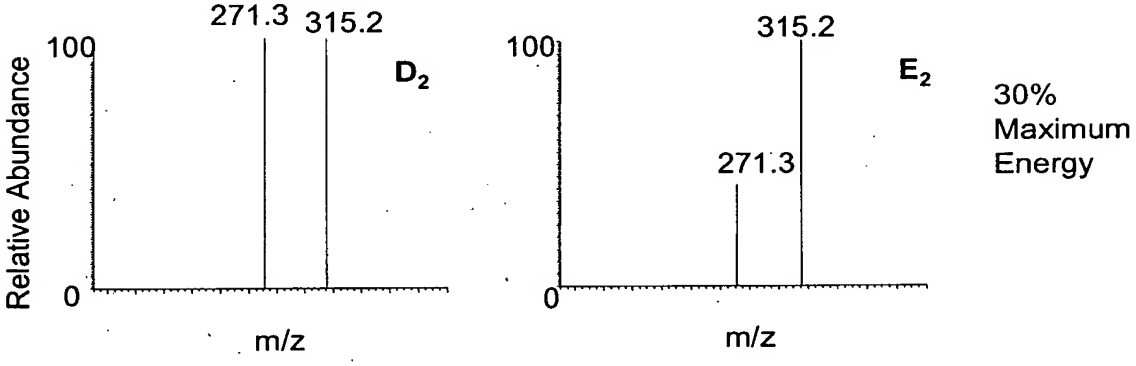


FIG. 8B

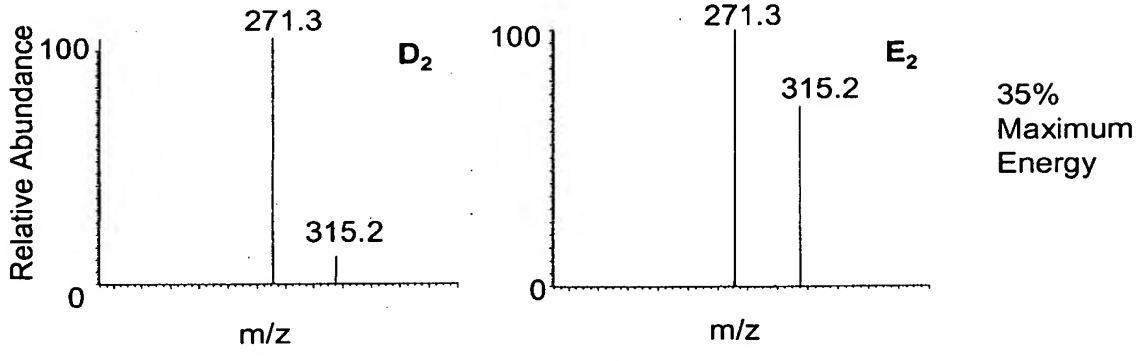


FIG. 8C